

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Richard L. Giroux, et al.

Serial No.: 10/772,217

Confirmation No.: 2193

Filed:

February 2, 2004

For:

APPARATUS AND

METHODS FOR DRILLING A WELLBORE USING

CASING

Group Art Unit: 3672

Examiner:

William P. Neuder

Customer No.: 36735

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING 37 CFR 1.8

I hereby certify that this correspondence is being deposited with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on NOV. 29, WOL

Jason C. Huang

Typed Name 46,222

Reg. No. if applicable

Signature (713)623-4844 Telephone Number

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

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In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

The Commissioner is hereby authorized to charge the sum of \$180.00 due under 37 CFR § 1.17(p) pursuant to § 1.97, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/WEAT/0344.P1/JCH.

Respectfully submitted,

Jasop C. Huang

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Attorney for Applicants

PTO/SB/08a (08-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE work Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Application Number 10/772,217 INFORMATION DISCLOSURE February 2, 2004 Filing Date STATEMENT BY APPLICANT First Named Inventor Richard L. Giroux Art Unit 3672 (Use as many sheets as necessary) William P. Neuder Examiner Name WEAT/0344.P1 Sheet of | 6 Attorney Docket Number

			U.S. PATENT D	OCUMENTS	
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
	A1	US-7,128,154	10-31-2006	Giroux, et al.	
	A2	ÚS- 7,117,957	10-10-2006	Metcalfe, et al.	
*****	A3	US-7,108,084	09-19-2006	Vail, III	
	A4	US- 7,108,083	09-19-2006	Simonds, et al.	
	A5	US-7,108,072	09-19-2006	Cook, et al.	
	A6	US- 7,100,713	09-05-2006	Tulloch	
	A7	US-7,100,710	09-05-2006	Vail, III	
	A8	US- 7,096,982	08-29-2006	McKay, et al.	
	A9	US- 7,093,675	08-22-2006	Pia	
	A10	US- 7,090,004	08-15-2006	Warren, et al.	
	A11	US- 7,048,050	05-23-2006	Vail, III, et al.	
	A12	US- 7,040,420	05-09-2006	Vail, III	
	A13	US- 7,036,610	05-02-2006	Vail, III	
-	A14	US- 7,013,997	03-21-2006	Vail, III	
	A15	US- 7,004,264	02-28-2006	Simpson, et al.	
	A16	US- 6,953,096	10-11-2005	Gledhill, et al.	
	A17	US- 6,941,652	09-13-2005	Echols, et al.	
	A18	US- 6,926,126	08-09-2005	Baumann, et al.	
	A19	US- 6,923,255	08-02-2005	Lee	
	A20	US- 6,920,932	07-26-2005	Zimmerman	
	A21	US-6,857,487	02-22-2005	Galloway, et al.	
	A22	US-6,845,820	01-25-2005	Hebert, et al.	
	A23	US- 6,802,374	10-12-2004	Edgar, et al.	
	A24	US-6,749,026	06-15-2004	Smith, et al.	
	A25	US- 6,742,591	06-01-2004	Metcalfe	
	A26	US- 6,732,822	05-11-2004	Slack, et al.	
	A27	US- 6,725,917	04-27-2004	Metcalfe	_
	A28	US-6,722,559	04-20-2004	Millar, et al.	
	A29	US- 6,702,029	03-09-2004	Metcalfe, et al.	
	A30	US- 6,578,630	06-17-2003	Simpson, et al.	
	A31	US- 6,571,868	06-03-2003	Victor	
	A32	US- 6,527,049	03-04-2003	Metcalfe, et al.	

	Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \(^6\) Applicant is to place a check mark here if English language

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known Application Number 10/772,217 INFORMATION DISCLOSURE Filing Date February 2, 2004 STATEMENT BY APPLICANT First Named Inventor Richard L. Giroux Art Unit 3672 (Use as many sheets as necessary) William P. Neuder Examiner Name WEAT/0344.P1 2 Sheet of | 6 Attorney Docket Number

			U.S. PATENT D	DOCUMENTS	
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevar Passages or Relevant Figures Appear
	A33	US- 6,446,323	09-10-2002	Metcalfe, et al.	
	A34	US- 6,425,444	07-30-2002	Metcalfe, et al.	
	A35	US- 6,224,112	05-01-2001	Eriksen, et al.	
	A36	US- 6,085,838	07-11-2000	Vercaemer, et al.	
	A37	US- 6,029,748	02-29-2000	Forsyth, et al.	
	A38	US- 6,021,850	02-08-2000	Wood, et al.	
	A39	US- 5,901,787	05-11-1999	Boyle	
	A40	US- 5,890,540	04-06-1999	Pia, et al.	
	A41	US-5,791,416	08-11-1998	White, et al.	
	A42	US-5,755,299	05-26-1998	Langford, Jr., et al.	
	A43	US- 5,718,288	02-17-1998	Bertet, et al.	
	A44	US- 5,685,369	11-11-1997	Ellis, et al.	
	A45	US-5,611,397	03-18-1997	Wood	
	A46	US- 5,560,426	10-01-1996	Trahan, et al.	
	A47	US- 5,409,059	04-25-1995	McHardy	
	A48	US- 5,343,968	09-06-1994	Glowka	
·	A49	US- 5,303,772	04-19-1994	George, et al.	
	A50	US- 5,083,608	01-28-1992	Abdrakhmanov, et al.	
	A51	US- 5,024,273	06-18-1991	Coone, et al.	
	A52	US- 4,697,640	10-06-1987	Szarka	
	A53	US-4,613,161	09-23-1986	Brisco	
	A54	US-4,610,320	09-09-1986	Beakley	
	A55	US- 4,588,030	05-13-1986	Blizzard	
	A56	US- 4,531,581	07-30-1985	Pringle, et al.	
	A57	US- 4,469,174	09-04-1984	Freeman	
	A58	US- 4,429,620	02-07-1984	Burkhardt, et al.	•
	A59	US- 4,324,407	04-13-1982	Upham, et al.	,
	A60	US-4,319,393	03-16-1982	Pogonowski	
	A61	US- 4,288,082	09-08-1981	Setterberg, Jr.	
	A62	US- 4,159,564	07-03-1979	Cooper, Jr.	
	A63	US- 4,127,168	11-28-1978	Hanson, et al.	
	A64	US- 4,069,573	01-24-1978	Rogers, Jr., et al.	

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known Application Number 10/772,217 INFORMATION DISCLOSURE Filing Date February 2, 2004 STATEMENT BY APPLICANT First Named Inventor Richard L. Giroux 3672 Art Unit (Use as many sheets as necessary) William P. Neuder Examiner Name WEAT/0344.P1 3 of 6

Attorney Docket Number

	U.S. PATENT DOCUMENTS								
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevar Passages or Relevant Figures Appear				
	A65	US- 3,948,321	04-06-1976	Owen, et al.					
	A66	US- 3,911,707	10-14-1975	Minakov, et al.					
•	A67	US- 3,818,734	06-25-1974	Bateman					
	A68	US- 3,776,307	12-04-1973	Young					
	A69	US- 3,712,376	01-23-1973	Owen, et al.					
	A70	US-3,621,910	11-23-1971	Sanford, et al.					
	A71	US- 3,467,180	09-16-1969	Pensotti					
	A72	US- 3,195,646	07-20-1965	Brown	<u>.</u>				
	A73	US- 3,087,546	04-30-1963	Woolley					
-	A74	US- 2,898,971	08-11-1959	Hempel					
	A75	US- 2,383,214	08-21-1945	Prout					
	A76	US- 2,345,308	03-28-1944	Wallace					
	A77	US- 2,344,120	03-14-1944	Baker					
	A78	US- 2,216,226	10-01-1940	Bumpous					
	A79	US- 2,214,226	09-10-1940	English					
	A80	US-2,102,555	12-14-1937	Dyer					
	A81	US- 1,930,825	10-17-1933	Raymond					
	A82	US-1,851,289	03-29-1932	Owen					
	A83	US- 1,597,212	08-24-1926	Spengler	, , ,				
	A84	US- 1,569,729	01-12-1926	Duda					
	A85	US- 1,561,418	11-10-1925	Duda					
	A86	US- 1,545,039	07-07-1925	Deavers					
	A87	US- 1,459,990	06-26-1923	Reed					
	A88	US- 1,324,303	12-09-1919	Carmichael					
	A89	US- 761,518	05-31-1904	Lykken					
	A90	US- 2005/0183892	08-25-2005	Oldham, et al.					
	A91	US-2005/0152749	07-14-2005	Anres, et al.					
	A92	US- 2004/0238218	12-02-2004	Runia, et al.					
	A93	US- 2004/0060700	04-01-2004	Vert, et al.					
	A94	US- 2004/0011566	01-22-2004	Lee					
	A95	US- 2002/0166668	11-14-2002	Metcalfe, et al.					
	A96	US- 2002/0145281	10-10-2002	Metcalfe, et al.					

Examiner Signature		Date Considered		
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Substitute for form	1449A/PTO		Complete if Known			
			Application Number	10/772,217		
INFORMA	ATION DIS	CLOSURE	Filing Date	February 2, 2004		
STATEM	ENT BY AF	PPLICANT	First Named Inventor	Richard L. Giroux		
			Art Unit	3672	<u> </u>	
(Use a	s many sheets as i	necessary)	Examiner Name	William P. Neuder		
Sheet 4	of	6	Attorney Docket Number	WEAT/0344.P1		

	U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant			
Initials *	No.1	Number - Kind Code ² (if known)			Passages or Relevant Figures Appear			
	A97	US- 2001/0045284	11-29-2001	Simpson, et al.				
	A98	US- 2001/0040054	11-15-2001	Haugen, et al.				
	A99	US-2001/0000101	04-05-2001	Lovato, et al.				
	A100	US-						
	A101	US-						
	A102	US-						
	A103	US-						
	A104	US-						
	A105	US-						

	Date Considered
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INFO	RMATION	DIS	CLOSURE	Filing Date	February 2, 2004		
STA	TEMENT B	Y A	PPLICANT	First Named Inventor	Richard L. Giroux		
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Sheet	5	of	6	Attorney Docket Number	WEAT/0344.P1		

		FOREIGN	PATENT DOCU	MENTS		
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	B1	GB 2 396 375	06-23-2004	Galloway, et al.		
	B2	GB 2 326 896	01-06-1999	Montaron		
	В3	GB 2 320 734	07-01-1998	Coronado, et al.		
	B4	GB 2 239 918	07-17-1991	Vanderjagt		
	B5	GB 2 221 482	02-07-1990	Baker, et al.		
	В6	GB 887,150	01-17-1962	Schramm, et al.		
	B7	RU 2079633	05-20-1997	Sultan, et al.		
·	B8	WO 02/29199	04-11-2002	Cook, et al.		
	B9	WO 01/60545	08-23-2001	Cook, et al.		
	B10	WO 00/77431	12-21-2000	Cook, et al.		
	B11	WO 00/37773	06-29-2000	Metcalfe, et al.		
	B12	WO 00/37772	06-29-2000	Metcalfe, et al.		
	B13	WO 99/18328	04-15-1999	Bailey, et al.		
	B14					
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Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/772,217	
INFORMATION DISCLOSURE	CLOSURE	Filing Date	February 2, 2004			
STATEMENT BY APPLICANT		First Named Inventor	Richard L. Giroux			
				Art Unit	3672	
	(Use as many	y sheets as	necessary)	Examiner Name	William P. Neuder	
Sheet	6	of	6	Attorney Docket Number	WEAT/0344.P1	

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2				
	C1	Multilateral Case History, Onshore-Nigeria, Baker Hughes, 2000					
	C2	Multilateral Case History, Offshore Norway, Baker Hughes, 1995					
	СЗ	TOMMY WARREN, BRUCE HOUTCHENS, AND GARRETT MADELL, Directional Drilling With Casing, SPE/IADC 79914, SPE/IADC Drilling Conference, Amsterdam, The Netherlands, February 19-21, 2003, pages 1-10					
	C4						
	C5						
	C6						
	C7						
-	C8						
	C9						
	C10	·					
	C11						
	C12						
	C13						
	C14	,					

Examiner Signature	Date Considered	

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